

Geospatial Platform Support Contract Monthly Update to Coordination Group

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PMO Contract Support
June 6, 2017

Topics

- Task Order Summaries
- Shared Infrastructure and Services
- GeoPlatform.gov
- CPIC



Metadata Task Order Summary

- ❖ TO-9 Metadata Support
 - Support: Ardent Management Consulting
 - Activities
 - Supported the FGDC sponsored ISO Metadata Summit
 - ISO Metadata Tool Session held on May 23rd
 - ISO Metadata Summit held on May 24th
 - Metadata best practices publication in final review (includes services documentation)
 - FGDC Metadata Working Group and ISO Forum coordination
 - NGDA Theme and Federal agency metadata support
 - Upcoming Events:
 - Metadata Working Group meeting June 14, 2017



Technical Task Order Summary

❖ TO-10 Technical Support

- ❖Support: Image Matters, Inc.
- Activities
 - GeoPlatform.gov
 - Development quarterly releases of new capability
 - Operations and Maintenance
 - Community Support
 - Service Desk support
 - Task Order Support
 - Metadata Team ISO Tool Session (5/23)
 - LMA Survey tool
 - Upcoming Events
 - Talk at GeoInt Commercial Imagery Summit @NGA

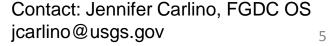


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Portfolio Management Task Order Summary

❖ TO-11 FGDC Portfolio Management

- ❖Support: Ardent Management Consulting
- Activities
 - Lifecycle Maturity Assessment (LMA)
 - Provided training on May 3&4
 - Assessment open from May 8, 2017 to August 4, 2017
 - To date: 3 submitted, 53 in progress, 121 not started, 177 total
 - Web Services Project
 - Ongoing: 83 of 177 NGDAs have web services
 - Adjudicated CG comments 2015-2016 Portfolio Summary Report
 - Continued A-16 Communities operations & maintenance
 - Updated NGDA Database and FGDC web pages
 - Capital Planning and Investment and Control (CPIC) ongoing
 - Upcoming Events:
 - Joint CG/Theme Lead meeting on June 6 from 11-12 ET





PMO Support Task Order Summary

❖ TO-12 FGDC PMO Support

- ❖Support: Mason, Bruce & Girard, Inc.
- Activities
 - Project Planning at PMO level
 - Geospatial Platform reporting requirements in development
 - Continued support for Geospatial Platform Core Team
 - Report out to Coordination Group
 - Architecture and Technology Working Group (ATWG) meeting support



Shared Infrastructure and Services

Cloud Hosting Services



- The Geospatial Platform and the Federal Geographic Data Committee (FGDC) are offering a managed hosting service for geospatial assets to FGDC member agencies.
 - Several DOI Bureaus are currently using this AWS based infrastructure
 - FEMA active customer
 - Army Corp active customer
- More information: https://www.geoplatform.gov/hosting



GeoPlatform.gov - Release 8 (Live on 18 May)

Object Editor

- UI/UX Enhancements
 - Dynamic Facets, improved text search
 - Control "visibility" of objects
- Create new Resource Items:
 - Added Open Layer
 - Improved support for from ISO 19115
 - Import/Export ISO 19139 (lossy)
- Edit Resource Items
 - Augment, correct, link Dataset, Service, and Layer
 - Auto-update service info, auto-harvest layers

Performance Dashboards

- Minor UI adjustments
- Updated to use UAL
- 2017 LMA Survey development & test support

Wordpress integration

 Begin migrating Portal and Drupal content to WP for streamlined O&M

Unified Access Layer (UAL)

- Single API framework for access to all GeoPlatform resources (data and services), controlling
- User authentication and utilization metrics

Updates to Registry+

- Updated RIM for UX and ISO 19139
- Enhanced API for search and management
- Contributing updates back to the Apache SIS library (open source library for processing ISO metadata)

CCB (Community Spaces)

- US Border Community example
- New CCB Templates and Help
- Dynamic content for event and meeting information, online help, etc. (e.g., Newsfeed)



GeoPlatform.gov - Release 9 (18 August)

Theme: OpenMap, Open API, Utilization, Content and Communities

- Portfolio Resource Lifecycle Tools
 - Create, Link, Update, Delete, and Report
 OpenMap and Map Galleries
 - Import/Export: GeoPlatform Profile of ISO
 - Introduce Taxonomies
 - OE updates for above
- Update Map Viewer and Map Manager to create and use OpenLayer and OpenMap
 - Search, View, Link, Save OL/OM objects
- Enhanced API (Unified Access Layer)
 - Oauth Integration
 - Close POAMs

- Resource Utilization
 - GA for MM, MV, MP, PD,
 - Metrics Collection and Dashboards
- Community Pilot Projects
 - Registering Taxonomies, Datasets, Services and OpenLayers
 - Plan for migrating A16 Communities in Drupal to CCB
- Portal content refresh/ consolidation
 - Migrate relevant (non-community) Drupal content to WPP
 - Plan for decommissioning Drupal



GeoPlatform.gov - Communities

- ❖ New A-16 Address Community Space Now in production
- Working with BIA as needed for standup of new Community Space (re-established contact but they don't appear active)
- Working with Invasive Species Council to stand up Community in prep for Western Governors Association meeting
- Developing Drupal to WordPress migration approach and plan for A16 Communities
- ❖ Demonstrated Object Editor and introduced DRAFT "GeoPlatform Profile for ISO 19115-1 Metadata" during the ISO Metadata Summit (23/24 May)



Capital Planning and Investment Control (CPIC)

USGS CPIC Reporting

- Completed EVM in eCPIC
- Updated Performance Measures in eCPIC
- Updated Risk Register in eCPIC
- Reviewing documents in preparation for Exhibit 300 submittal



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